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Up next on ATETV; In hot pursuit of a career in engineering.

Massachusetts Highway Administrator Frank DePaola gives us an inside view of the types of engineering positions available within the State's Department of Transportation.

My name is Frank DePaola; I'm the Highway Administrator for the State of Massachusetts Department of Transportation, also known as MassDOT. MassDOT is responsible for the transportation infrastructure within the commonwealth of Massachusetts.

MassDOT itself employs engineers of all disciplines; civil, electrical, and mechanical. Pretty much any engineering discipline can be applied to multiple areas within the Department of Transportation.

Engineering, it's a way of applying the principles of science and mathematics that we learn in grade school and high school, and actually applying that in the real world.

Studying engineering is a hard road. It takes effort. What people should be doing when they're in their high school years is concentrate on math and science. I recommend everybody to take a course in physics.

One of the benefits that I find in engineering is when you're done with whatever you're doing, you're able to look or touch something that you took part in creating. There's enthusiasm because people are proud. You could point out to your friends or relatives or others, "I had a role in the creation of that.

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Thanks for watching.